

48th Annual UA Instructor Training Program

Unlocking Knowledge Through Training
August 13-18, 2001

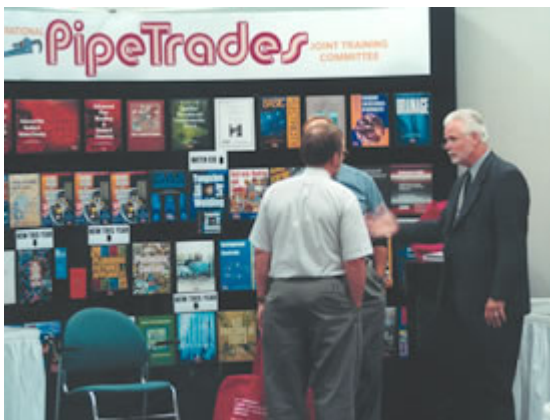
The United Association hit the campus of Washtenaw Community College in full force on Monday, August 13th as the 48th Annual United Association Instructor Training Program began the registration of the UA Instructors attending the incomparable training program.

The UA knows that we will always have a continuing need for the highest quality job performance of its members. They know that the Instructor's who teach the apprentices and journeymen of the piping trades, are the key persons in maintaining the high level of performance for which they have been long recognized. We are determined to retain our enviable position in this regard.

Quality craftsmanship is an outcome of good teaching in our training programs. Therefore, the United Association Instructor Training Program aim is to help improve the teaching techniques, broaden manipulative skills, and expand the store of scientific and technical knowledge relating to the trade for all United Association Instructors.



UA Instructor Training



The UA breaks the training down into two the five-year degree and the additional 20-hour professional courses. The First Year Courses are required for everyone attending the program for the first time. In the subsequent years they are various required courses and with a large offering of elective courses to choose from. Each year Instructors are required to enroll in two professional element courses of twenty hours before they will receive their diplomas, issued from Michigan State University.

After receiving their diploma, the UA Training Department makes specialized courses available to them to assist with they continued educations and upgrading as Instructors of the members of the United Association. These 20 hour professional element and applied knowledge and technical courses are available only to those who have graduated from the Five Year Program. They allow UA Instructors to expand their knowledge and be better instructors in their local programs.

Registration



Registration this year was a new experience with UA Instructors and the individuals who are teaching them all being registered on the same day. The UA Staff, Greater Michigan PMC Staff and representatives from the Ypsilanti and Ann Arbor Visitor's Bureau registering over 2,000 individuals and welcoming them to the area.

The 2001 registration was different due to the fact that many of the individuals who were attending the UA Training Program and just left Florida from the United Associations' Convention. This shows quite a commitment to their Industry and Unions.



**UA Local 190
Instructors - L. to
R. - Back Row -
Dave Brooks,
Frank Pohs, Todd
Tennyson, Doug
Mayher, John
Stalker, Al
Culbreath, Rich
Bucholz, Ivory
Sims, Randy
Schnabelrauch,
Scott Klapper,
John Coleman -
Front Row - Al
Vasquez, George**

Bliss, Ron House, Mike Hyde, Pat Duffy, John Winkle, John McTaggart

Orientation

On Sunday all 1,536 enrolled students convened at the Morris Lawrence Building at Washtenaw Community College for Student Orientation and review of the weeks activities. Students heard

rousing presentations on the tremendous activities at the UA Training Department from UA Director of Training George Bliss. reviewed the week's activities, and also took the opportunity to introduce the staff of the Training Department. The program was a great send-off for the week's activities.



Left - UA Training Department Director George Bliss reviewing the upcoming activities - Middle - WCC President Larry Whitworth - Right - WCC's Roger Bertoia



Left - Sarah Pinkerton, Cathy Merkel, Ann, Lea Sondheimer, Pam Ellis, Janis Brown, Wanda Jameson, Right - Ron Albright, Randy Ward, Steve Allen, Steve Kelly, Mississippi, Sid Cavanaugh, Don Ball, Pete Marzac



Around the Campus



The true magnitude of this program can truly only be felt by seeing the overwhelming commitment to training that comes from the number of individuals who are participating.

(Pictured left -preparing for Orientation)

So with this article, we take you around the campus of Washtenaw Community College, to try to give you a

small example of the diversity of the individuals in attendance, and the continued flavor of brotherhood, camaraderie, and commitment that is felt when you visit the program.

Pictured below -Left -Changing classes for Instructor -Right -George Bliss With Instructors -Bottom Left - Teachers for the UA Instructors at their Orientation -Right -Ready for the class picture



UA Welding Program



The reliance on certified welders is a necessity in the construction and maintenance of critical piping systems. This is a detail well known in the Mechanical Industry. That is why the United Association (UA), the Mechanical Contractors Association of America (MCAA) and the National Certified Pipe Welding Bureau

(NCPWB) have formed a Tri-Partite Committee that has developed a uniform Welder Certification Program for the Mechanical Piping Industry. It is obvious that a harmonious relationship between the three respective groups would be beneficial to all concerned parties.

This Tri-Partite Committee helps to insure owners and users of our construction services, the very best welders in the industry, for the most economical costs. In welding classes the only passing grade is 100%! Nothing less is acceptable because anything less would allow leaks or contamination. Welds are expected to be about two and a half times as strong as the pipe they are in so if there is a failure, it is the pipe, not the weld that fails. As with all UA training, safety is an important factor in welding classes. Students are thoroughly schooled in accident prevention.



UA Welding ATR

The UA commitment to the Certified Welder Program is apparent with the advancing level of the ATR (Authorized Training Representative) classes being taught. ATR I, II, III and IV are all 20 hour classes.



ATR I is offered to instruct local union authorized testing representatives their responsibilities in conducting UA Welding Certification Program (UA/WCP) testing events. Successful students meet the requirements of the UA/WCP Quality Control Systems Manual and will be authorized to conduct testing events and maintain proper records.

ATR II is designed to provide individuals an understanding of welding procedure specification and welder qualification in accordance the Section IX of the ASME Code and various Pressure Piping Codes. Participants are able to apply the rules of Section IX as they pertain to the development of welding procedure specifications and the qualification of welders.



ATR III gives Instructors an understanding of the ASME B 31.1 Piping Codes and points out the difference workmanship standards for welding inspection using various codes of construction during fabrication and assemble of piping systems. A workshop environment for evaluating weld imperfections including the use of measuring tools is employed.

ATR IV provides individuals with an understanding of the required ASME Code examination and testing of materials. It familiarizes the ATR Candidate with the various nondestructive examination and testing procedures applicable to working codes.



ATR V is a 40 hour class composed of a self study guide and classroom seminar. An 8 hour certification examination will be given on the last day of the seminar involving the ASME Code topics, the UA Quality Control Systems, Welding inspection, material and welding technology.

Machine and Pipe Tube

Welding



Machine and Pipe Tube Welding (Auto-GTAW) is a 20 hour course consisting of the development of specific welding data (programs) for automatic welding of tube and pipe, the mechanical preparation using machine prop and cutting tools of the weld test samples. The class is limited to those who have a minimum of five

(5) years of GTAW experience.

UA Trailers Come To Campus To Increase Teaching Opportunities for the UA Member

The UA continues to increase the number of "Trainer Trailers" they have at the disposal of the UA Instructor.

Trailers were at WCC for Gas Distribution, High Purity Piping, Medical Gas Training, and Service Training.



The Trailers are totally self-contained and, obviously mobile to assist with their continual movement to UA Training Centers throughout the country.



High Purity Systems is a 40- hour class with the prerequisite of completion of 290 hours of High Purity

High Purity Systems



classroom instruction or two years experience in High Purity Piping.

Subjects to be covered are Process Gas, High Purity Water, Hazmat-Safety, Plastics, Principles of Contamination Control, Metallurgy and Alloys, High Purity Requirement in the Semi-Conductor and Biotechnology and Pharmaceuticals.

Instructors who successfully completed this course receive a certification for High Purity and Ultra Pure Piping Systems installation. They also receive certification as an instructor in these industries

Discussion and Interaction Techniques



Discussion and Interaction Techniques is a 10 hour Fourth Year class in a Five Year Program of Professional Element Courses. This program is a continuing effort by the UA Training Department to provide the best training for United Association instructors. There are 7 Professional Element Courses and 10 Profession Elective Courses.

The class covers the place and role of discussion and interaction in the trade teaching process; Principles of conducting classroom discussion; Techniques for getting discussions started, keeping discussion on target, and closing; Use of questions as a teaching technique; Techniques of making questioning effective; Handing students questions; Nature of conference and small group techniques in trade education; Workshop in discussion leading and small group techniques.

Graduation



Pictured Left -L. to R. -Larry Mazzola, UA General Executive Board Member, C. Randal Gardner, UA Assistant General President and UA General President Martin J. Maddaloni at

the beginning of the Graduation Ceremony- Right -Graduates during the Pledge of Allegiance

The highlight of the training program is graduation. It is the culmination of five years work for the many individuals striving to increase their skills for the UA worker. Recently re-elected UA General President Martin Maddaloni (***right***) gave the charge to the new graduates as he congratulated them for their hard work and commitment to the industry. George Bliss, UA Director of Training presided over the 48th Annual United Association Instructor Training Program Completion Ceremony.



Platform Guests -Left -L.. to R. -Larry J. Mazzola, UA General Executive Board Member, James E. O'Mara, UA General Executive Board, Dr. Daniel H. Kruger, Professor of Labor Relations, Dr. Larry Whitworth, President Washtenaw Community College, C. Randal Gardner, UA Assistant General President, and Martin J. Maddaloni, UA General President - right -George H. Bliss, UA Director of Training, Thomas Patchell, UA General Secretary-Treasurer, Richard Shaneyfelt, St. Mary's Church, Jack Barnes, UA General Executive Board, John F. Greenwood, UA General Executive Board, Louis J. Ackerman, UA General Executive Board



There was a significant crowd on hand to making this a most memorable graduation ceremony. Along



with UA General Presi



dent Madaloni and Training Director George Bliss

, those in attendance also heard from Dr. Larry Whitworth, President of Washtenaw Community College as he spoke of the strong partnership between the United Association and WCC **(pictured above right)** where the program is held. He also discussed the new Regional Training Center and the UA University housed at WCC. Dr. Daniel Kruger from Michigan State University **(pictured above left)**, one of the country's leading authorities on the benefits of Union Labor, gave a rousing speech as he talked about the commitment of the UA to give the union worker, and the union employing contractor, all the tools they need to be successful. Spouses, children, and union brothers and sisters were on hand to help celebrate the graduation with their Instructors. The spectators provided enthusiastic support for the men and women who became Certified Instructors.

Pictured above left -UA Local 190's Jerry Tee, Business Manager Ron House and Scott Klapper, Training Coordinator with other spectators

Below Right -UA 190's Instructor Dave Brooks completed his fifth year and graduated at this year's program -Yeah Dave! Left- Beaming Graduate and Below Enthusiastic Supporters

